

**Geometry Practice**

Name:

*Ms. Estrada, Mr. Bielmeier, Mr. Tiénou-Gustafson*

Geometry, Period

Date: 25 August 2014

**Beginning-of-Year Geometry Survey**

**Directions:** Read the statements below and circle the number that most represents how you feel about them:

1) I feel comfortable asking questions in class when I don’t know the answer.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

2) I like school and enjoy learning.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

3) I know that I will go to college and that I have to work hard to get to the college of my choice.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

4) I feel comfortable sharing my work with others, even if I’m not positive that I’m right.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

5) I am a good mathematician.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

6) I enjoy solving mathematical problems.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

7) Mathematics is important for a career that I am considering.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

8) Mathematics is important in the real world and for all adults.

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| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

9) I am good at using variables in equations and conversions (for example, manipulating and solving for variables).

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

10) I am good at using number lines and absolute value.

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| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

11) I am good at finding the slopes and equations of lines using multiple methods.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

12) I am good at finding and using angle measures, including properties of angles and lines.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

13) I am good at finding length, area, and perimeter of a variety of shapes.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

14) I am good at showing that my calculations correct using proofs and rules of mathematics.

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| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

15) I am good at using radicals and exponents.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

16) I am good at using quadratics (factoring quadratics, solving quadratic equations).

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

17) I am good at using the Pythagorean Theorem and other formulas for working with triangles.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

18) I know the properties of triangles (including right, equilateral, isosceles, and scalene triangles).

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

19) If I don’t get good grades, I can do something about it to make them better.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

20) If I work hard I can become more intelligent and be successful at anything I put my mind to.

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| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| I strongly agree. | I agree. | I’m not sure. | I disagree. | I strongly disagree. |

21. List **2-3 specific things** that you can say you definitely want to do better as a mathematician and thinker by the end of this year as a result of Geometry.

22. What were your favorite and least favorite parts about any math classes you have taken in the past?

|  |  |
| --- | --- |
| Favorite | Least Favorite |

23. Do you have any final thoughts or comments that you would like your teacher to know?

24. Read the syllabus for this class. Write any questions that come up for you while reading the syllabus.